

REMARKS


Applicants acknowledge with appreciation the Examiner's allowance of claims 2-5, 16-48, and 50-58, and the indication of allowance of claims 12-15.

In the Office Action under reply, the Examiner refused to consider the notebook page that accompanied the Inventor Declarations under 37 C.F.R. § 1.131 filed with the prior response on May 5, 2005, because the notebook page was not sufficiently legible. Applicants apologize for the inconvenience. With this response, applicants have attached two legible copies of the same notebook page; both versions are identical with the only difference being the contrast and darkness of the print on the page. Applicants are submitting the two versions of the page solely for the Examiner's convenience. Upon the Examiner's review of the legible notebook page, the Inventor Declarations under 37 C.F.R. § 1.131 filed with the prior response on May 5, 2005, should be sufficiently complete to antedate the Pennington et al. reference. Upon elimination of the Pennington et al. reference, the anticipation of claims 6-15 will be overcome and this application will be in condition for allowance.

Should the Examiner have any additional concerns regarding the attached notebook page, applicants kindly request that the Examiner contact the undersigned attorney 650-251-7713 or canaan@reedpatent.com.

Respectfully submitted,

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Stability of Isopapalidin

Note: Isopapalidin is the term used for papalidin's equilibrating isomer suspected to be the C-20-OH ring expanded lactone.

Procedure: ~~250g~~ ~ 3mg of purified isopapalidin was placed in 1ml of buffer at pH 4, 7.2, and 10.

Buffers: pH=4 : NaOAc was acidified to pH 4 with 6M HCl

pH=7.2: Equil molar amounts of NaH_2PO_4 and Na_2HPO_4 . No pH adjustment was needed.

pH=10 : B(OH)₃ basified with 1M NaOH to pH 10.

⇒ All buffers are made with DI water, (cellgate) at 0.1M salt concentration. pH is checked using pH strips.

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Stability of Isoaspartic Acid

Note: Isoaspartic acid is the term used for aspartic acid's equilibrating isomer suspected to be the C-20-OH ring expanded lactone.

Procedure: ~~200~~ ~ 3mg of purified isoasp was placed in 1ml of buffer and pH 4, 7.2, and 10.

Buffers: pH=4: NaOAc was acidified to pH 4 with 6M HCl

pH=7.2: Equil molar amounts of NaH_2PO_4 and Na_2HPO_4 . No pH adjustment was needed.

pH=10: BSA, basified with 1M NaOH to pH 10

⇒ All buffers are made with DI water, (certified) at 0.1M salt concentration. pH is checked using pH strips.